

Notice of Allowability

Application No.

09/785,461

Examiner

Gregory J. Strimbu

Applicant(s)

NOZAKI, MASAHIRO

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/12/05 and the int. of 9/27/05.
2. ☒ The allowed claim(s) is/are 2,4-9 and 13-20.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>9/27/05</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with James E. Barlow on September 27, 2005.

The application has been amended as follows:

In the abstract:

line 10, inserted --of the door sash-- following "flange"

In the claims:

1. (Canceled)
2. (Currently amended) A trim and glass run attachment structure in a vehicle door according to Claim 13, wherein the part of the trim that is in contact with a surface of the glass run is on an ~~the~~ exterior side of the trim.
3. (Canceled)

4. (Currently amended) A trim and glass run attachment structure in a vehicle door according to Claim 2, wherein a holding lip is formed integrally ~~with a wall of said trim that is~~ on the exterior side of said trim, and another holding lip is provided on an ~~inner peripheral edge of said glass run on a wall of said glass run that is on the~~ an interior side of the glass run so that the trim is held in position by pressure contact by said another holding lip against an outside surface of said holding lip of said trim.

5. (Currently amended) A trim and glass run attachment structure in a vehicle door according to Claim 2, wherein a holding lip ~~that projects generally toward an interior of the vehicle~~ is formed integrally with a said wall of said glass run body that is on the an interior side of the glass run body, and wherein another holding lip is formed integrally with a said side wall of the trim ~~body that is on the exterior of the trim~~ and is brought into pressure contact with the holding lip on the glass run body.

6. (Currently amended) A trim and glass run attachment structure in a vehicle door according to Claim 2, wherein an engagement step portion is formed in a said wall of said glass run body that is on an interior side of said glass run body, and wherein an outer peripheral edge of a said side wall ~~that is on the exterior side of the trim body~~ is engaged with said engagement step portion to hold said glass run body in said position.

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7. (Currently amended) A trim and glass run attachment structure in a vehicle door according to Claim 4, wherein said another holding lip of said glass run and said holding lip of said trim have an engaging means for engaging the holding lips with each other.

8. (Currently amended) A trim and glass run attachment structure in a vehicle door according to Claim 13, wherein ~~said window frame is constituted by the inner panel, the outer panel, or a molding member, and~~ said single component ~~is a~~ comprises said door sash, and wherein said flange part is formed between said inner panel and said door sash.

9. (Currently amended) A trim and glass run attachment structure in a vehicle door according to Claim 8, wherein said single component forms an attachment base for both the glass run and the trim.

10-12 (Canceled)

13. (Currently amended) A trim and glass run attachment structure in a vehicle door comprising:

a flange part provided on a window frame of the vehicle door, wherein said window frame is comprised by an inner panel, an outer panel and a door sash, and the flange part is comprised by a portion of the window frame at which an interior flange of the inner panel and an interior flange of the door sash are joined together;

a U-shaped attachment groove, which is adjacent to and integral with a proximal end of the flange part, wherein the proximal end of the flange part is closer to the inner panel than a distal end of the flange part, and wherein the U-shaped attachment groove is on an exterior side of the proximal end of said flange part and is on an outer peripheral side of the proximal end of said flange part;

a lock protrusion strip provided on a wall of said attachment groove that is on an interior side of said attachment groove, and said lock protrusion strip is at adjacent the proximal end of said flange part;

a trim, which has a substantially U-shaped cross-section and is attached to said flange part; and

a glass run, which is separate from said trim, wherein:

the glass run has a glass run body attached to said attachment groove;

the glass run body includes opposing side walls and a pair of seal lips, one seal lip of the pair of seal lips engaging the interior side of a window glass and the other seal lip of the pair of seal lips engaging the exterior side of the window glass;

said glass run body has a lock protrusion strip engaging with the lock protrusion strip of the attachment groove to retain the glass run body in said groove;

a part of said trim is in contact with said glass run, when said trim is attached to said flange part, an exterior part of said flange part and an interior part of said attachment groove are integrally formed as a single component, and the single component fixes the positions of the trim and the glass run to keep the trim in contact with the glass run;

the flange part and the attachment groove are formed in series and are partitioned by the lock protrusion strip of the attachment groove;

the glass run has a U-shaped structure in cross section;

the trim is an extrusion that is ~~merely~~ bent to fit a corner of the window frame attachment structure;

the glass run includes a molded corner part that corresponds to the corner; and

an opening is formed between the trim and the glass run in the corner due to a difference in a radius of curvature between the trim and the glass run in the corner, and the opening is covered with a shielding plate located outside of a side wall of the trim.

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14. (Currently amended) A trim and glass run attachment structure ~~on~~in a vehicle door, wherein the attachment structure comprises:

a window frame that includes an inner panel, an outer panel and a door sash;

a flange part formed by a portion of the window frame at which an inner flange of the inner panel and an inner flange of the door sash are joined together;

a U-shaped attachment groove, which is adjacent to and integral with ~~the~~ a proximal end of the flange part, wherein the U-shaped attachment groove is on an exterior side of the proximal end of the flange part and is on an outer peripheral side of the proximal end of the flange part, and wherein the inner flange of the door sash and an interior part of the U-shaped attachment groove are included in a single integral component;

a lock protrusion formed in the single integral component wherein the lock protrusion is located on an interior wall of the attachment groove and ~~at~~ adjacent the proximal end of the flange part, wherein the flange part and the attachment groove are formed in series and are partitioned by the lock protrusion;

a window corner;

a glass run, wherein the glass run is generally U-shaped in cross-section and includes a glass run body fitted in the attachment groove, wherein the glass run body includes opposing side walls and a pair of seal lips, one seal lip of the pair of seal lips being on the interior side of a window glass and ~~one~~ the other seal lip of the pair of seal lips being on the exterior side of the window glass, and wherein the seal lips are

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structured to engage ~~opposing~~ the sides of the window glass, and wherein the glass run body has a lock protrusion strip engaging with the lock protrusion to retain the glass run body in the attachment groove, wherein the glass run further includes a molded corner part; and

a trim, which is separate from the glass run, wherein:

the trim is attached to the flange part;

the trim has a generally U-shaped cross section;

part of the trim is in contact with the glass run when the trim is attached to the flange part;

the single integral component securely fixes the ~~position~~ positions of the trim and the glass run to keep the trim and the glass run in contact with one another and to accurately position the glass run and the trim; and

the trim includes an extruded corner part that is ~~merely~~ bent to fit the corner; and

an opening is formed between the trim and the glass run in the corner due to a difference in a radius of curvature between the trim and the glass run in the corner, and the opening is covered with a shielding plate portion that is formed integrally with the corner part on an outer peripheral side of a side wall of the trim.

15. (Currently amended) A trim and glass run attachment structure in a vehicle door according to claim 14, wherein the part of the trim that is in contact with ~~a surface~~ of the glass run is on ~~the~~ an exterior side of the trim.

16. (Currently amended) A trim and glass run attachment structure in a vehicle door according to claim 15, wherein a holding lip is formed integrally with a said side wall of the trim ~~that is on the exterior side of the trim~~, and another holding lip is provided on an inner peripheral edge of the glass run on a said wall of the glass run that is on ~~the~~ an interior side of the glass run so that the trim is held in said position by pressure contact by said another holding lip against an outside surface of the holding lip.

17. (Currently amended) A trim and glass run attachment structure in a vehicle door according to claim 15, wherein a holding lip ~~that projects generally toward an interior of the vehicle~~ is formed integrally with a said wall of the glass run body that is on ~~the~~ an interior side of the glass run, and wherein another holding lip is formed integrally with a said wall of the trim ~~body~~ that is on the exterior side of the trim and is brought into pressure contact with ~~the~~ holding lip on the glass run body.

18. (Currently amended) A trim and glass run attachment structure in a vehicle door according to claim 15, wherein an engagement step portion is formed in a said wall of the glass run body that is on an interior side of the glass run body, and wherein an

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outer peripheral edge of ~~a wall that~~ said side wall which is on the exterior side of the trim body is engaged with the engagement step portion to hold the glass run body in said position.

19. (Currently amended) A trim and glass run attachment structure in a vehicle door according to claim 16, wherein the another holding lip of the glass run and the holding lip of the trim have an engaging means for engaging the holding lips with each other.

20. (Previously presented) A trim and glass run attachment structure in a vehicle door according to claim 14, wherein the window frame is constituted by the inner panel, the outer panel, and the door sash, and wherein the flange part is formed between the inner panel and the door sash.

21. (Canceled)

22. (Canceled)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gregory J. Strimbu whose telephone number is 571-

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272-6836. The examiner can normally be reached on Monday through Friday 8:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Chilcot can be reached on 571-272-6777. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read "Gregory J. Strimbu", is written over the printed name.

Gregory J. Strimbu
Primary Examiner

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September 21, 2005